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**A single copy subclone, p1-101, from cosmid 3-3B, defines three RFLPs on 10pter-q23 [HGM9 no. D10S4]**

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**SOURCE AND DESCRIPTION OF CLONE:** p1-101, a 480 bp Sau3A fragment subcloned into pJB8 from cosmid 3-3B, isolated from a random human genomic library.

**POLYMORPHISMS:** TaqI identifies a 2-allele RFLP with A1= 7.4, A2=4.9 kb. SacI identifies two 2-allele RFLPs with B1=4.7, B2=0.81 kb and C1=3.2, C2=1.75 kb.

**ALLELE FREQUENCIES:** studied at least 46 European Caucasians:

A1=0.56±.051 B1=0.39±.043 C1=0.81±.035

A2=0.44±.051 B2=0.61±.043 C2=0.19±.035

**NOT POLYMORPHIC FOR:** MspI, EcoRI, HindIII, BamHI, PstI, PvuII and RsaI

**CHROMOSOMAL LOCALISATION:** 10pter-q23, by use of somatic cell hybrid panels.

**MENDELIAN INHERITANCE:** At locus A, codominant inheritance has been shown in 20 informative families with a total of 63 children. At loci B and C, codominant inheritance has been shown in 3 informative families with a total of 23 children.

**PROBE AVAILABILITY:** Available for collaboration.

**OTHER COMMENTS:** Twenty-seven of 31 unrelated individuals (87%) typed with both TaqI and SacI were heterozygous at one or more of the three loci.

**REFERENCE:** Litt,M. and Litt,R (1986) Am J Hum Genet 39:A161.

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